
Macintosh Users and ECF

The topics below provide information specific to Macintosh users that will be useful when using ECF in the *United States Court of Appeals for the Ninth Circuit*.

The Apple Macintosh platform (Mac) can now be used to run all parts of the ECF with no extra software.

- “Prerequisites for Mac Users” on page 2
- “Starting ECF on a Mac” on page 8
- “Known Differences for Mac Users” on page 14
- “Known Java Issues for Mac Users” on page 16
- “Known PDF Viewer Issues for Mac Users” on page 20

Prerequisites for Mac Users

Both the hardware and the operating system (OS X) must be 64 bit.

In summary, you need:

- 64-bit capable
- OS X 10.5 (or higher)
- Java 1.6 Update 13 (or higher)

You must install the latest Java update for Mac users, released by Apple in October 2010 as *Java for Mac OS X 10.6 Update 3* (this is Java 1.6 Update 22). Source: www.apple.com.

You will not be able to log in if you have **not** installed this update.

CAUTION: Make sure you review the information in “Known Java Issues for Mac Users” on [page 16](#) before you attempt to start ECF.

NOTE: If you have an Intel-based Mac that is not 64-bit capable, you may be able to use one of the parallel operating system products, such as Fusion or Parallels, that allow a Mac to mimic the Windows operating system. Fusion and Parallels only run on Intel-based Mac systems.

TIP: To check which version of Java you have installed on your Mac, do the following:

1. Open the Hard Drive.
2. Click **Applications**, then **Utilities**.
3. Double-click **Terminal** to open a command window.
4. Type `java -version` and press the Return key.

Before you start, make sure you do the following:

1. Verify that you have the correct Java version, see “To verify that you have the correct Java version” below.
2. Configure your browser to accept cookies.
3. Decide which browser you want to use for ECF, define that browser as the default browser to use, and clear the browser cache and cookies. See one of the topics below for step-by-step instructions:
 - “To set Firefox as the default browser and clear the browser cache and cookies” on [page 4](#)
 - “To set Safari as the default browser and clear the browser cache and cookies” on [page 7](#)

To verify that you have the correct Java version

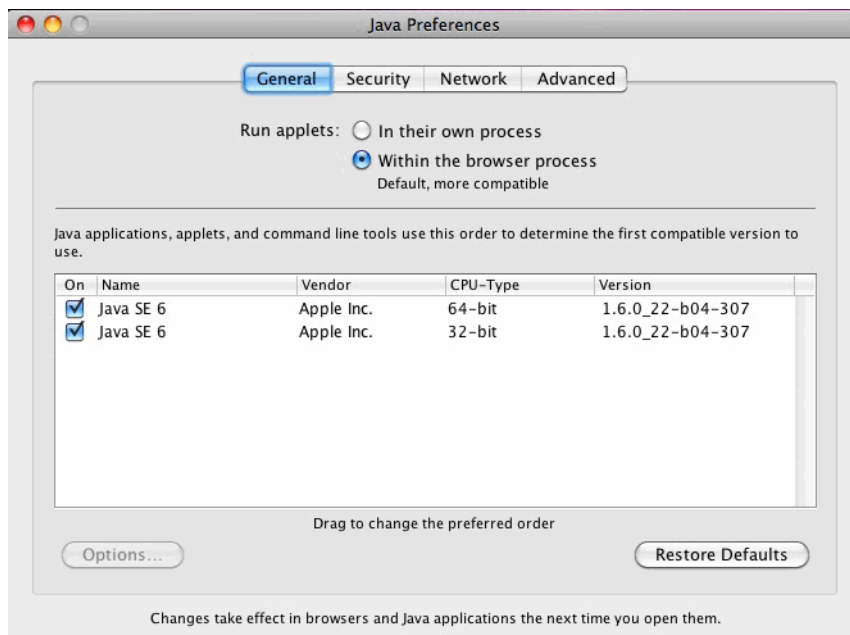
1. From **Finder**, click **Go**, then click **Applications**.
2. In **Applications**, expand **Utilities**, then expand **Java**.
3. Double-click **Java Preferences**.

The Java Preferences dialog box opens.

4. Update the settings in the dialog box to match what is shown in [Figure 1](#):
 - Run applets: Within the browser process
 - Java SE 6, 64-bit must be the first entry in the list.

CAUTION: If you do not see Java SE 6, you do not have the latest version of Java. In this case, download it from [Apple](#), install the update and start again. See “[To update your Java software](#)” on page 4.

Figure 1. Java Preferences Updated



To update your Java software

1. Click the **Apple** logo in the upper left corner of the screen, then click **Software Update**.

A Software Update dialog box opens and when the system completes its check for updates to your software, a new dialog box opens that allows you to check the details of each update. An example is shown in [Figure 2](#).

2. Click the **Show Details** button to see information about each update.

NOTE: If Java does not appear in the list of updates, you already have the latest version.

Figure 2. Software Update



3. Click the **Install** button and wait until the installation completes.

To set Firefox as the default browser and clear the browser cache and cookies

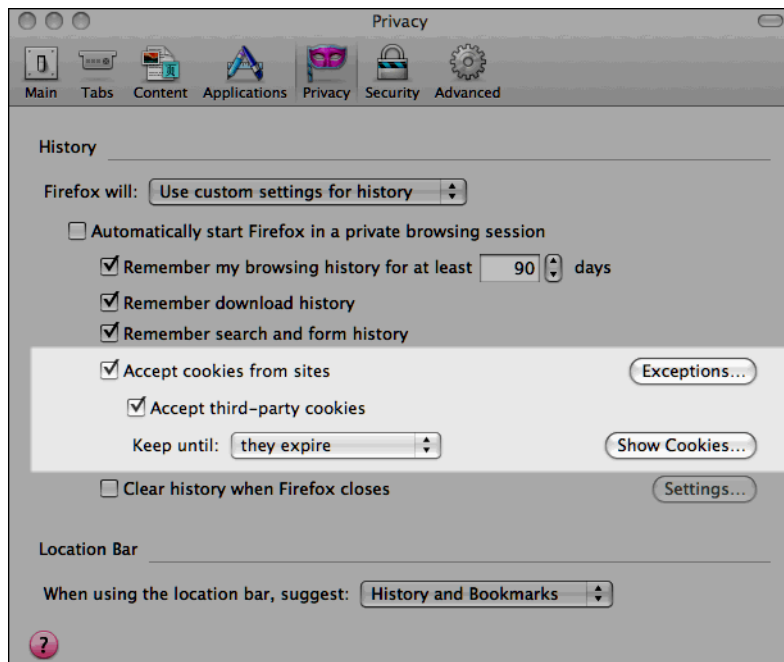
1. Open Firefox.
2. Choose **Firefox > Preferences**.
3. In the dialog box that opens, click the **Advanced** icon at the top, then make sure the **General** tab is the active tab.
4. At the bottom of the dialog box, under **System Defaults**, click the **Check Now** button to check and set Firefox as the default browser.

5. Click the **Privacy** icon at the top and do the following:
 - a. From the **Firefox will** drop-down list, select *Use custom settings for history*.
 - b. Make sure the **Accept cookies from sites** and **Accept third-party cookies** checkboxes are selected.

An example is shown in [Figure 3](#).

NOTE: Depending on the version of Firefox that you are using, the illustration below may not exactly match what you see. [Figure 3](#) shows the Cookies settings in Firefox 3.5.5.

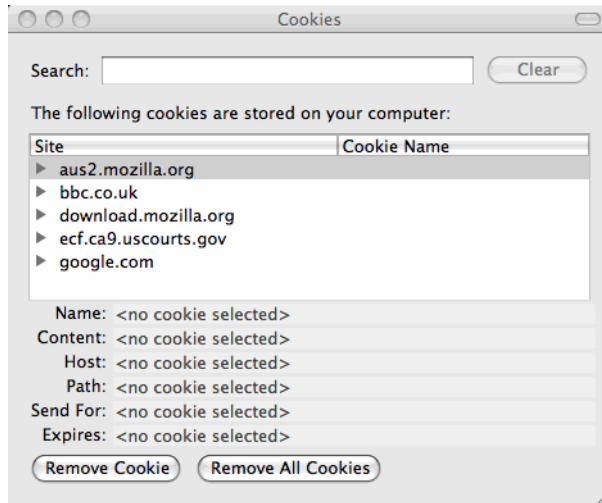
Figure 3. Cookies Section in Firefox Preferences



6. Click the **Show Cookies** button.

The Cookies dialog box opens. An example is shown in [Figure 4](#).

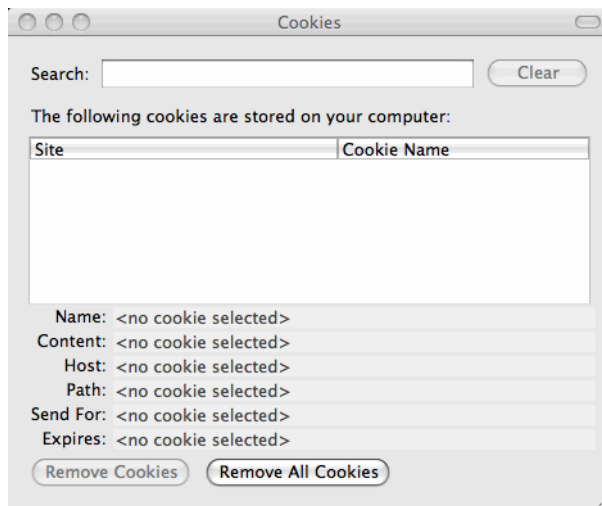
Figure 4. Cookies Dialog Box



7. In the Cookies dialog box, click the **Remove All Cookies** button.

The Cookies dialog box should look similar to the one shown in [Figure 5](#).

Figure 5. Cookies Dialog Box, After Remove All Cookies

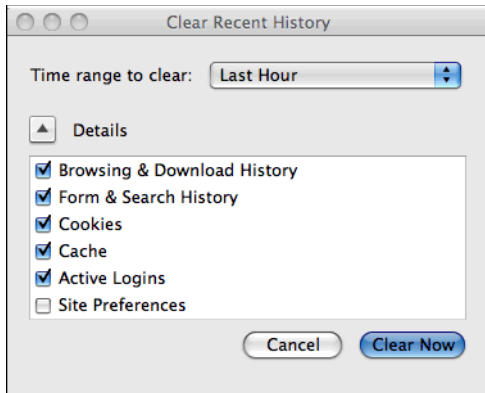


8. Close the Cookies dialog box, then close the Preferences dialog box.

9. Click **Tools**, then click **Clear Recent History**.

The Clear Recent History dialog box opens. An example is shown in [Figure 6](#).

Figure 6. Clear Recent History Dialog Box



10. Make sure the **Cookies**, **Cache**, and **Active Logins** checkboxes are all selected.
11. Click the **Clear Now** button.
12. Close the Clear Recent History dialog box.

To set Safari as the default browser and clear the browser cache and cookies

1. Open Safari.
2. Choose **Safari > Preferences**.
3. In the dialog box that opens, click the **General** icon at the top.
4. From the **Default web browser** drop-down list, select **Safari**.
5. In the dialog box, click the **Security** icon at the top.
6. Under **Accept Cookies**, click the **Show Cookies** button.
7. In the dialog box that opens, click the **Remove All** button, then click the **Done** button.
8. Close the Preferences dialog box.
9. Choose **Safari > Empty Cache**.
10. In the dialog box that opens, click the **Empty** button.

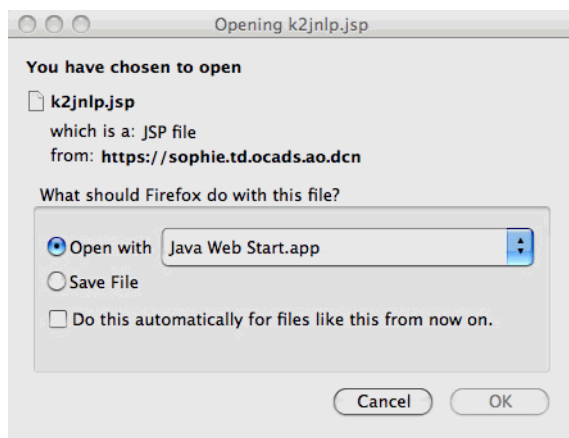
Starting ECF on a Mac

CAUTION: Make sure you review the information in “Known Java Issues for Mac Users” on page 16 before you attempt to start ECF.

NOTE: The launching process described in this topic has been tested using the Safari and the Firefox browsers. Other browsers may work.

After you enter your login and password and you click the **Login** button, the browser may ask what to do next. This one-time setup is to associate the Java Network Launching Protocol (JNLP) file with Java Web Start. The dialog box shown in [Figure 7](#) opens.

Figure 7. Opening k2jnlp.jsp Dialog Box

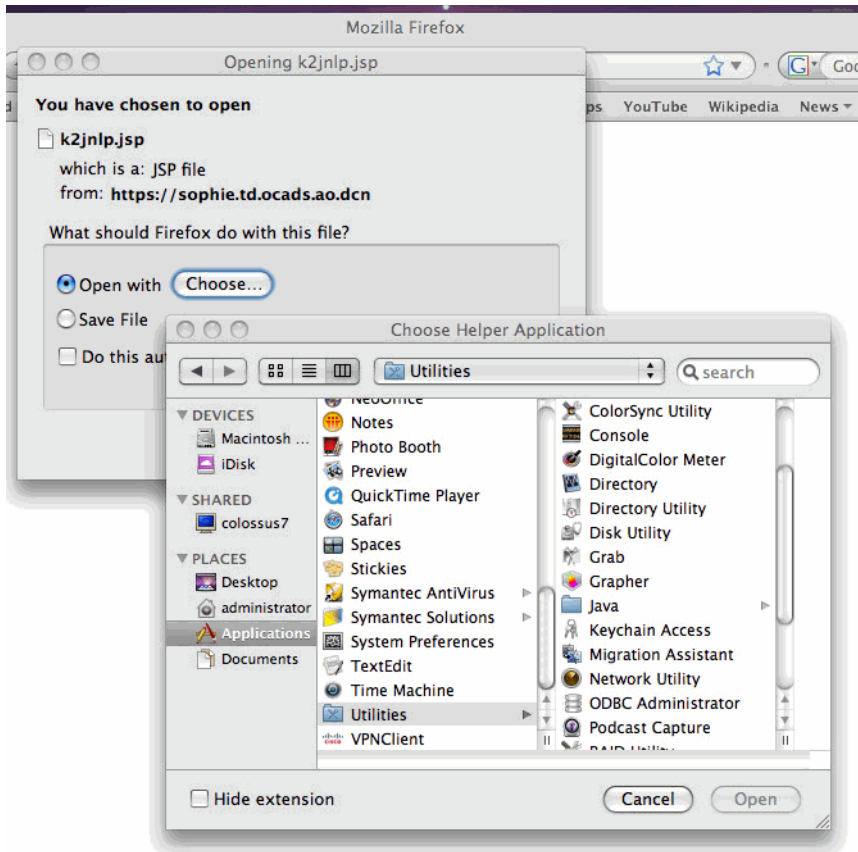


1. If the dialog box shows Java Web Start in the drop-down list next to **Open with**, then select the **Open with** radio button and go to step [Step 3 on page 11](#).

2. If you see a **Choose** button next to the **Open with** radio button, then click **Choose** to select the helper application.

A dialog box similar to the one shown in [Figure 8](#) opens.

Figure 8. Choose Helper Application



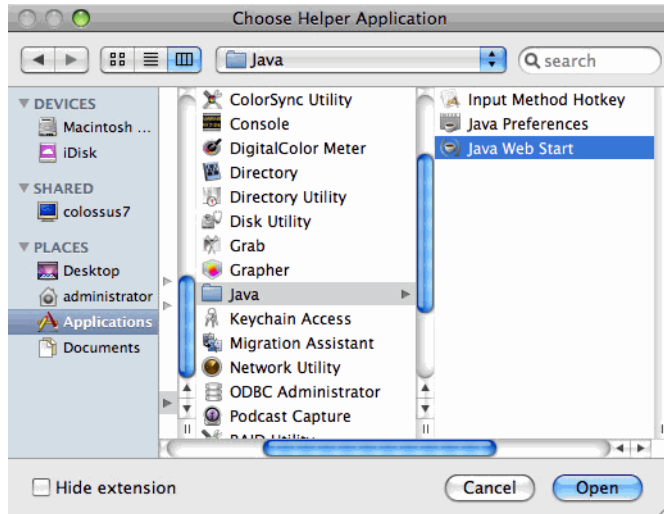
Do one of the following (depending on your version of Java, the location of Java Web Start may be different):

- Under **PLACES**, click **Applications**, then find and click **Utilities**, then in the list on the right, find and click the entry labeled **Java**.

This shows the list of helper applications for Java, as shown in [Figure 9](#).

Click **Java Web Start** and click the **Open** button.

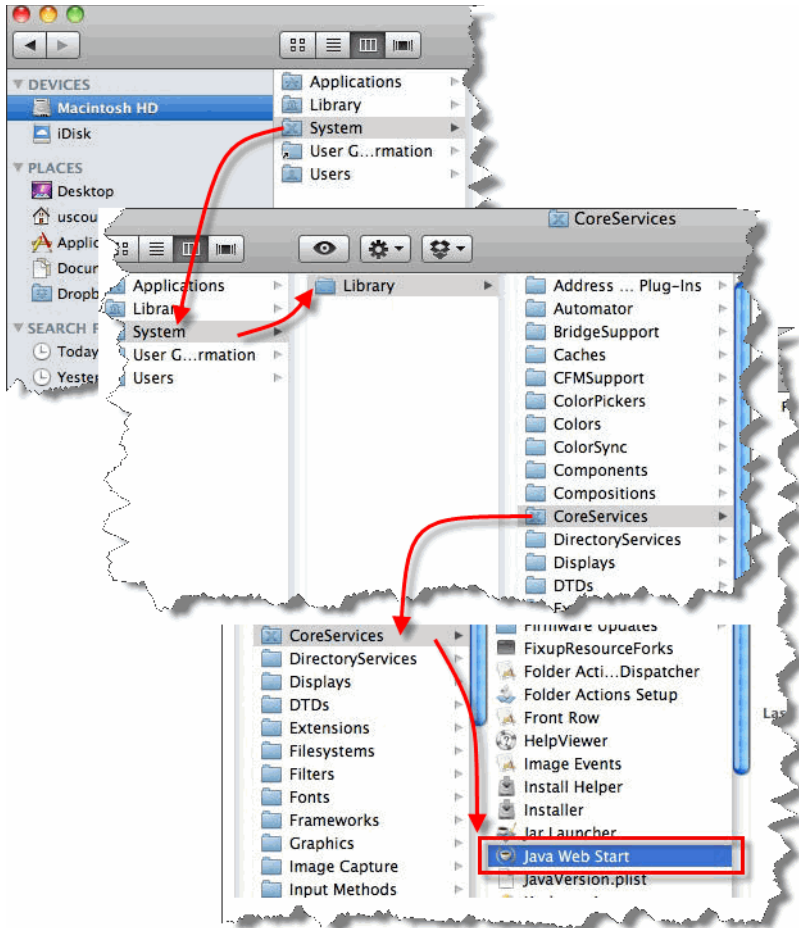
Figure 9. Choose Helper Application - PLACES



- Under **DEVICES**, click **Macintosh HD**. Find and click **System**, then **Library**, then **CoreServices**, as shown in Figure 10.

Click **Java Web Start** and click the **Open** button.

Figure 10. Choose Helper Application - DEVICES



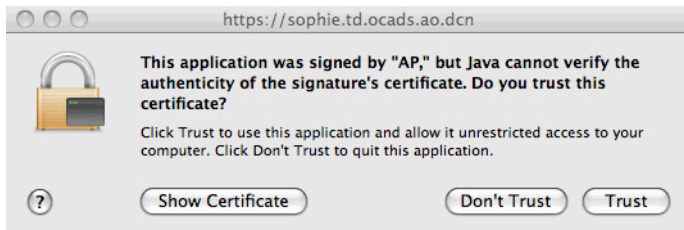
3. Select the checkbox labeled **Do this automatically for files like this from now on** so that you do not have to do this twice.
4. Click the **OK** button.

A Java Starting message box opens and then the system may ask you to authenticate the certificate.

5. If a certificate dialog box opens asking you if you want to accept the certificate from “ecf.ca9.uscourts.gov,” click the **Trust** button to continue.

Another certificate dialog box opens. This time, you must click the Trust button to ensure that ECF will be able to read PDF files from your Mac. The PDF certificate dialog box will look similar to the one shown in [Figure 11](#).

Figure 11. PDF Certificate

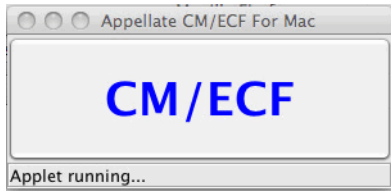


6. Click the **Trust** button.

At this point, a small window with a blue CM/ECF label opens. This is the program itself. An example of this window is shown in Figure 12.

CAUTION: Do not close this window at any time.

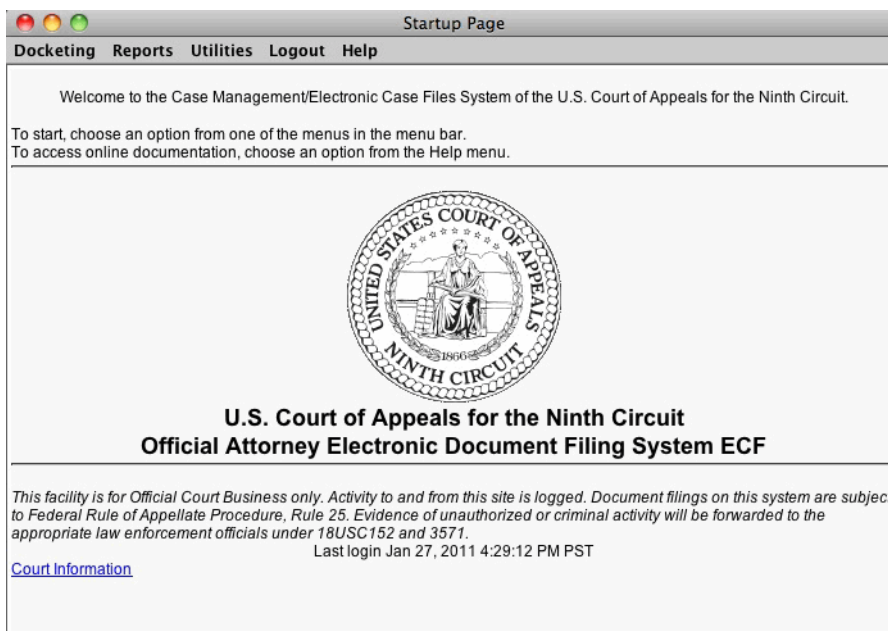
Figure 12. Appellate CM/ECF For Mac Background Window



The Startup Page window opens in the foreground. Notice that your last login date and time are shown near the middle of the page. An example of this window is shown in Figure 13.

CAUTION: Do not close the Startup Page window at any time. If you do close this window by accident, find the background window, shown in Figure 12, and click the large CM/ECF button.

Figure 13. Appellate CM/ECF For Mac Startup Page Window



Known Differences for Mac Users

CAUTION: Make sure you review the information in “Known Java Issues for Mac Users” on page 16 before you attempt to start ECF.

Longer Startup Process

In order to maintain the same security for the ECF application for all users, the URL used behind the scenes for downloading the program to the Mac is different each time. This will make the startup process take longer for Mac users, since the URL will not be cached.

Automatic Login as a PACER User

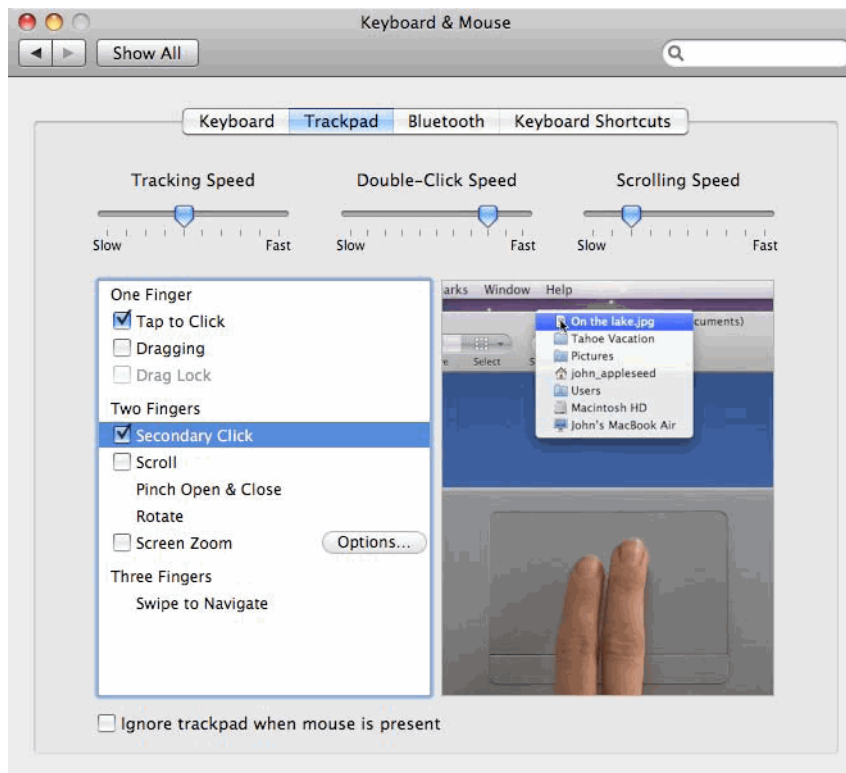
Automatic login as a PACER user when an attorney logs in as a filing user is not supported on the Mac.

The default Mac browser must be used to log in to ECF. If a secondary browser is used, it will not know that you are logged in when running browser-based portions of the system. To change the default browser, go to Safari > Preferences > General. Use the Default web browser to indicate the default web browser.

Right-Click Functionality

There are a few areas in ECF Appellate which feature right-click functionality. Mac users can access the same features by going to System Preferences > Keyboard and Mouse > Trackpad, and selecting the checkbox labeled **Tap trackpad using two fingers for secondary click**. An illustration is shown in [Figure 14](#).

Figure 14. Secondary Click



Known Java Issues for Mac Users

CM/ECF needs Java Web Start to run correctly on Mac systems. With the latest Java update from Apple, the location of Java Web Start has changed and you may have to manually identify that location.

If you have Safari and Mozilla Firefox, the Court recommends using *Firefox* to file electronically in order to avoid some of the issues described in this section.

Safari Browser is the Only Browser Installed on Your System

Assuming you followed the instructions for clearing the cache and cookies, you should be able to run CM/ECF without any problems.

Safari and Firefox Installed on Your System, Using Safari to Log In to CM/ECF

Assuming you followed the instructions for clearing the cache and cookies, and setting the default browser, you should be able to run CM/ECF to do your filings. However, PACER Report, Service List, and Help will open in a new Firefox window instead of the existing Safari window. As a result, the browser (Firefox) will not recognize that you are logged in to CM/ECF and will not allow you to run the reports.

As a workaround, you can copy the URL from the Firefox window to a new tab in your Safari browser. For this reason, the Court recommends using Firefox to file electronically if you have both Safari and Firefox installed on your system.

Safari and Firefox Installed on Your System, Using Firefox to Log In to CM/ECF

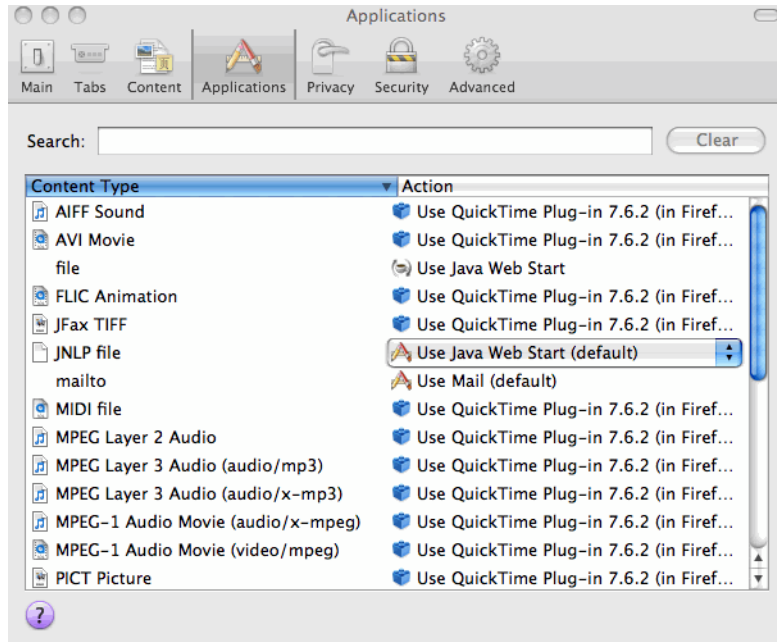
Assuming you followed the instructions for clearing the cache and cookies, and setting the default browser, you should be able to run CM/ECF after following the steps below to find and identify Java Web Start:

1. Open Firefox.
2. Choose **Firefox > Preferences**.
3. In the dialog box that opens, click the **Applications** icon at the top.

4. In the **Content Type** box (on the left) scroll down to **JNLP File** and select that entry.

By default, the **Action** for this **Content Type** is set to **Use Java Web Start (default)**, as shown in Figure 15.

Figure 15. Applications - JNLP File Content Type, Default Setting



5. In the **Action** box (on the right), select **Use Other**.

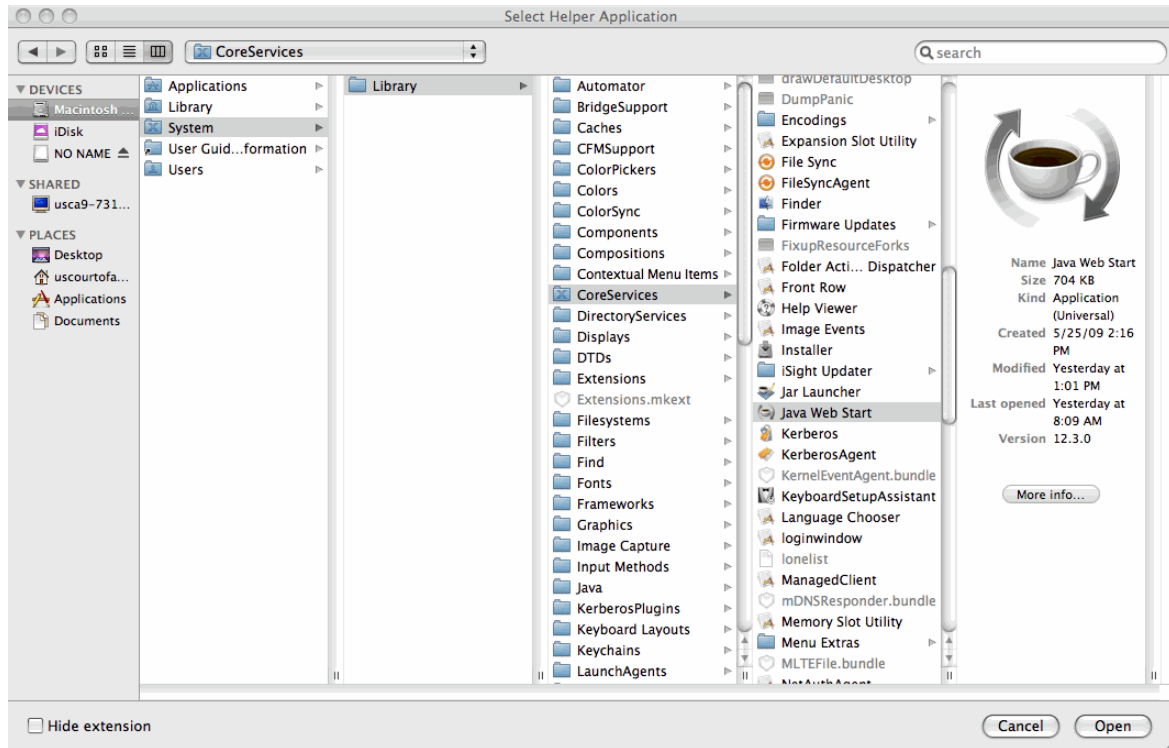
CAUTION: Do not select **Use Java Web Start (default)**.

A window titled Select Helper Application opens.

6. In the Select Helper Application window, under **DEVICES**, click **Macintosh HD > System > Library > CoreServices > Java Web Start**.

Figure 16 shows an example of the correct selections.

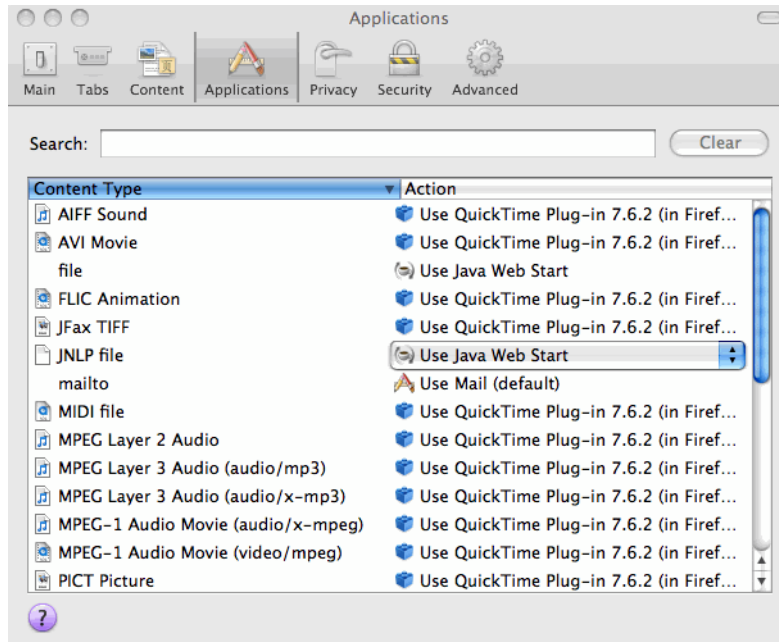
Figure 16. Select Helper Applications Window



7. Click the **Open** button (at the bottom of the window).

The Select Helper Application window closes and the Preferences dialog box (Applications) now shows the correct selection for the JNLP file. An example is shown in [Figure 17](#).

Figure 17. Applications - JNLP File Content Type Updated



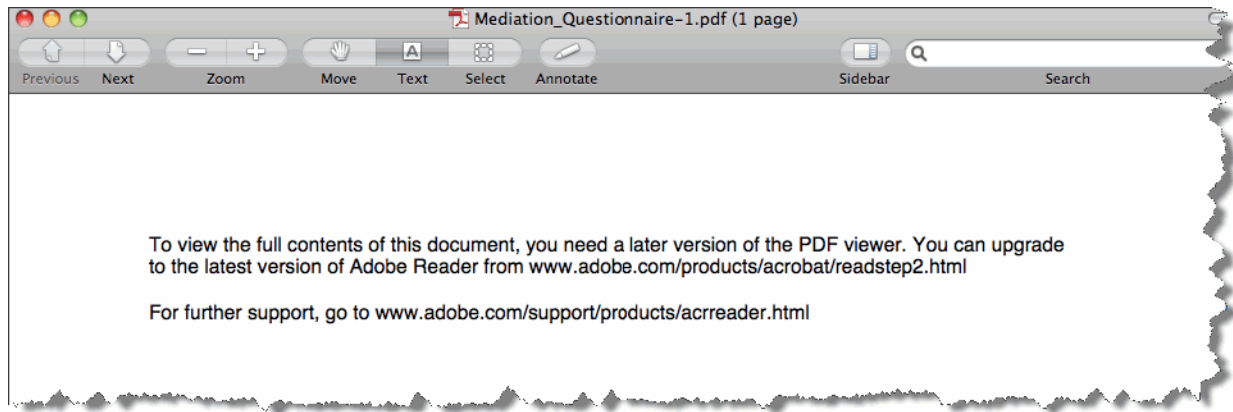
8. Close the Preferences dialog box.
9. Restart Firefox and then follow the instructions in [“To set Firefox as the default browser and clear the browser cache and cookies”](#) on [page 4](#) before attempting to log in.

Known PDF Viewer Issues for Mac Users

You may encounter issues when you try to open dynamic PDF forms from the Court's website on a Mac system. Specifically, this problem has been reported for the Mediation Questionnaire, available here: http://www.ca9.uscourts.gov/uploads/forms/Mediation_Questionnaire.pdf.

The most common issue is a message saying that the PDF Viewer you have is not a supported version. [Figure 18](#) shows an example of this message.

Figure 18. PDF Viewer Error Message



The reason you may see this message even though you have the latest version of Adobe Reader installed is that your Mac browsers are using the built in "Preview" application, which does not support dynamic PDF forms.

To resolve this issue, you must configure your browsers to use Adobe Reader instead of the default "Preview" application.

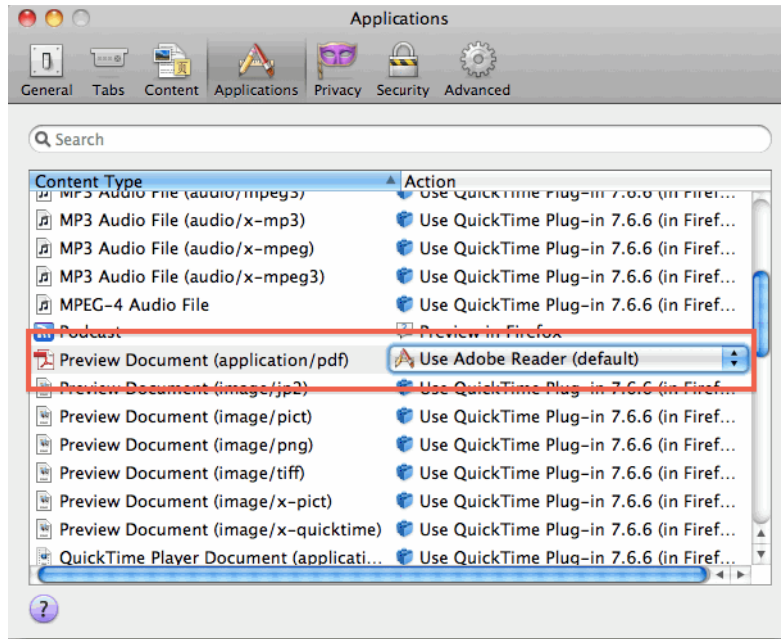
Firefox

Make Adobe Reader as a default PDF reader in Firefox:

1. Open Firefox.
2. Choose **Firefox > Preferences**.
3. In the dialog box that opens, click the **Applications** icon at the top.

4. Scroll down until you see **Preview Document (application/pdf)** in the Content Type column. Select the **Preview Document (application/pdf)** entry, and in the Action column (the one on the right), select Use Adobe Reader (default) from the drop-down list. An example is shown in Figure 19.

Figure 19. Applications - Preview Document (application/pdf) Updated



5. Close the Preferences dialog box.
6. Restart Firefox and then try to access the dynamic PDF form again.

Safari

1. Open Finder.
2. Choose **Go > Go to Folder**.
3. In the dialog box that opens, in the **Go to the folder** field, type `/Library/Internet Plug-Ins` and click the **Go** button.
4. In the Internet Plug-ins folder, verify that **AdobePDFViewer.plugin** exists.

NOTE: If you do not have this plugin, navigate to <http://get.adobe.com/reader/> to download and install Adobe Reader.

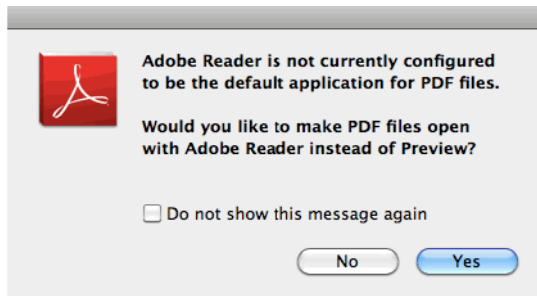
5. Open Adobe Reader.

To do this, open Finder, choose **Go > Applications**, and then click **Adobe Reader**.

The following message should appear: “Adobe Reader is not currently configured to be the default application for pdf files. Would you like to make pdf files open with Adobe Reader instead of Preview?”

An example of this message is shown in [Figure 20](#).

Figure 20. Adobe Reader Message



6. Click the **Yes** button.

7. Open Safari and navigate to the dynamic PDF form you want to open.